

Wisconsin Specialty Cheese Production up 8 Percent

With 26 percent of the nation's total cheese production, Wisconsin maintained its ranking as the nation's top cheese producing state in 2015. At 722 million pounds, specialty cheese accounted for 24 percent of Wisconsin's total cheese production. This was an increase of 56.1 million pounds over 2014.

Of the state's 127 cheese plants, 93 manufactured at least one type of specialty cheese during 2015, two more plants than last year. Blue, Feta, Havarti, Hispanic types, specialty Mozzarella, Parmesan Wheel, and specialty Provolone remain the most popular varieties. Hispanic cheese production rose 8 percent over the previous year, while Feta production was 6 percent higher.

Wisconsin cheese makers are known for offering a wide variety of high quality specialty cheeses. A specialty cheese is a value-added product which commands a premium price. According to the Wisconsin Specialty Cheese Institute, the nature of specialty cheese is derived from one or more unique qualities, such as exotic origin, particular processing or design, limited supply, unusual application or use, and extraordinary packaging or channel of sale. The common denominator is its very high quality.

SPECIALTY CHEESE PRODUCTION Wisconsin, 2014 and 2015

Type	2014 number of plants	2014 Production	2015 number of plants	2015 Production	Change 2014 /2015
		1,000 lbs.		1,000 lbs.	Percent
Asiago	11	30,921	13	31,872	+3
Cheddar ¹	32	28,829	36	27,574	-4
Colby ¹	14	8,026	10	8,052	+0
Farmers	13	1,470	11	1,482	+1
Feta	9	81,885	10	86,751	+6
Gorgonzola	10	18,547	10	19,200	+4
Gouda	22	11,421	21	11,770	+3
Italian Fontina	10	9,157	9	9,249	+1
Hispanic	13	71,790	13	77,197	+8
Limburger	1	542	1	481	-11
Parmesan Wheel	6	56,920	6	57,504	+1
Romano Wheel	6	10,625	6	9,854	-7
All Other ²	61	335,918	59	381,115	+13
Total ³	91	666,051	93	722,101	+8

1. Includes only specialty types of this variety. 2. Combined to avoid disclosure of individual plant data. Includes: Alpine, American Grana, Auribella, Blue, Brie and Camambert, Butterkase, Edam, Fior di Latte, Fontiago, Fontinella, Gruyere, Havarti, other specialty Italian, Italico, Juustoleipa, Kefalograviera Sagana, Kasseri, Kreme Kaese, Mascarpone, Middle Eastern cheeses, specialty Monterey Jack, Morning Sun, specialty Mozzarella, other specialty Parmesan, Pepato, Peperon, specialty Provolone, Raclette, other specialty Romano, Swedish style Fontina, specialty Swiss, Tvarog Polish, and Yogurt cheese. 3. Total cheese plants producing one or more specialty cheeses.

May 9, 2016 - Vol. 16, No. 9

Inside This Issue:

- Specialty Cheese Production
- Monthly Dairy Products
- Annual Dairy Products Summary
- Agricultural Prices
- Milk Prices
- Milk, Cattle & Hogs Production, Disposition & Income

This Farm Reporter contains the results from the following surveys. Thanks for your help!
Monthly Dairy Products Report
Prices Received Report

Dairy Products, Production by Selected States and U. S.

Item and area	March 2015	February 2016	March 2016	Change from last year
	1,000 pounds			Percent
CHEESE				
American	395,913	366,870	399,380	+0.9
Cheddar				
California	29,778	22,119	28,591	-4.0
Idaho	39,725	35,535	38,694	-2.6
Minnesota	44,897	37,518	42,337	-5.7
Wisconsin	53,330	51,130	52,900	-0.8
United States	287,127	257,550	284,469	-0.9
Blue & Gorgonzola	8,197	7,206	8,205	+0.1
Brick & Muenster	14,749	14,155	14,179	-3.9
Cream & Neufchatel	71,231	70,793	69,545	-2.4
Feta	9,885	9,203	11,153	+12.8
Gouda	6,469	4,639	5,410	-16.4
Hispanic	23,134	20,588	22,662	-2.0
Mozzarella				
California	122,372	127,871	128,613	+5.1
Wisconsin	88,454	84,510	93,800	+6.0
United States	342,753	332,553	359,295	+4.8
Parmesan	30,741	31,521	31,751	+3.3
Provolone	31,522	29,147	33,464	+6.2
Ricotta	23,689	20,621	24,296	+2.6
Romano	3,937	4,299	4,055	+3.0
Other Italian types	7,506	5,777	6,189	-17.5
Total Italian				
California	134,257	138,503	140,378	+4.6
Wisconsin	130,020	124,965	137,570	+5.8
United States	440,148	423,918	459,050	+4.3
Swiss	26,662	24,459	26,119	-2.0
All other cheese	15,013	13,220	13,703	-8.7
Total cheese				
California	211,938	208,363	214,404	+1.2
Idaho	82,211	70,681	82,975	+0.9
New Mexico	67,760	60,535	69,326	+2.3
New York	72,821	66,568	69,764	-4.2
Wisconsin	259,777	247,550	271,905	+4.7
United States	1,011,401	955,051	1,029,406	+1.8

Cheese Production: Wisconsin, 2011-2015

Year	Total cheese ¹	Total American ²	Hispanic	Muenster	Italian	Mozzarella	Swiss
	1,000 pounds						
2011	2,635,048	783,292	59,117	50,108	1,360,250	909,961	(D)
2012	2,789,965	830,139	65,580	52,956	1,403,409	951,652	(D)
2013	2,855,881	837,517	70,906	52,982	1,422,393	961,016	33,695
2014	2,912,144	848,879	71,790	57,250	1,459,655	990,654	22,741
2015	3,070,202	909,940	77,197	60,935	1,537,315	1,051,356	16,679

(D) Not published to avoid disclosing individual operations. 1. Includes cream cheese and other miscellaneous types of cheese. Does not include cottage cheese.

2. Includes Cheddar, Colby, washed curd, stirred curd, Monterey, and Jack.

American Cheese Production, By Style: Wisconsin, 2015

Style	Production 1,000 lbs.	Percent of total
American Cheddar		
40-lb block	224,040	24.6
640-lb block	267,873	29.4
Other types ¹	121,554	13.4
Colby	85,371	9.4
Monterey Jack	211,102	23.2
Total American types	909,940	100.0

1. Includes barrels.

Italian Cheese Production, By Style: Wisconsin, 2015

Style	Production 1,000 lbs.	Percent of total
Hard		
Asiago	31,872	2.0
Parmesan	127,135	8.3
Provolone	200,982	13.1
Romano	29,364	1.9
Soft		
Mozzarella	1,051,356	68.4
All other	96,606	6.3
All Italian	1,537,315	100.0

**Processed Cheese And Cheese Foods:
Wisconsin, 2011-2015**

Year	Processed cheese	Processed cheese foods & spreads	Cold pack cheese and cheese food
	1,000 pounds		
2011	616,076	305,065	39,085
2012	614,214	298,241	35,666
2013	622,401	295,658	34,443
2014	644,814	311,307	36,224
2015	665,900	264,920	29,071

(D) Not published to avoid disclosing individual operations.

Whey Products: Wisconsin, 2011-2015

Whey Products: Wisconsin, 2011-2015				
Year	Dry whey		Total lactose	Whey protein concentrate human food
	Human food	Animal		
	1,000 pounds solids			
2011	294,202	4,421	188,181	83,003
2012	289,694	3,968	189,523	80,139
2013	302,843	3,539	219,496	102,199
2014	280,339	3,211	237,557	115,002
2015	308,582	4,076	220,921	108,772

(D) Not published to avoid disclosing individual operations.

Total Cheese, Excluding Cottage Cheese: Wisconsin, 2015

Ranges of Annual Production	State Plants	Production
	No.	1,000 lbs.
Less than 1 million lbs.	35	6,544
1 to 4.99 million lbs.	20	55,127
5 to 9.99 million lbs.	19	111,479
10 to 24.99 million lbs.	16	254,926
25 million lbs. and over	37	2,642,126
Total	127	3,070,202

Italian Cheese: Wisconsin, 2015

Ranges of Annual Production ¹	State Plants	Production
	No.	1,000 lbs.
Less than 1 million lbs.	22	4,254
1 to 19.99 million lbs.	18	118,404
20 million lbs. and over	23	1,414,657
Total	63	1,537,315

1. Plant qualifies for a certain range based only on its Italian production.

Cheddar Cheese: Wisconsin, 2015

Ranges of Annual Production ¹	State Plants	Production
	No.	1,000 lbs.
Less than 1 million lbs.	38	5,927
1 to 9.99 million lbs.	11	19,938
10 million lbs. and over	15	587,602
Total	64	613,467

1. Plant qualifies for a certain range based only on its Cheddar production.

Mozzarella Cheese: Wisconsin, 2015

Ranges of Annual Production ¹	State Plants	Production
	No.	1,000 lbs.
Less than 1 million lbs.	14	2,719
1 to 19.99 million lbs.	9	73,524
20 million lbs. and over	16	975,115
Total	39	1,051,356

1. Plant qualifies for a certain range based only on its Mozzarella production.

Prices Received by Farmers

The March 2016 average price received by farmers for **corn** in Wisconsin was \$3.43 per bushel. This is down \$0.01 from the February price and \$0.29 lower than March 2015.

The March **soybean** price, at \$8.54 per bushel, is unchanged from February but \$1.18 below the previous March.

The March **oat** price was \$1.62 per bushel, down \$0.05 from the February price and \$1.67 below March 2015.

All hay prices in Wisconsin averaged \$86.00 per ton in March, up \$4.00 from February but \$32.00 lower than March 2015. The **alfalfa hay** price averaged \$96.00 per ton in March, \$6.00 higher than February but \$29.00 below the previous March. The **other hay** price averaged \$56.00, up \$3.00 from February but \$32.00 below March 2015.

Prices for replacement milk cows averaged \$1,910 in April, down \$170.00 from the previous year.

Prices Received by Farmers

WISCONSIN		March 2015	February 2016	March 2016
		Dollars		
Corn	bu	3.72	3.44	3.43
Hay, all baled	ton	118.00	82.00	86.00
Alfalfa	ton	125.00	90.00	96.00
Other	ton	88.00	53.00	56.00
Oats	bu	3.29	1.67	1.62
Potatoes, all ¹	cwt	11.20	9.35	10.70
Fresh ²	cwt	9.90	8.95	8.70
Processing	cwt	8.90	9.35	9.35
Soybeans	bu	9.72	8.54	8.54
Milk, all	cwt	17.60	16.10	15.80
Milk, cows ³	head	2,080.00	1,910.00	1,910.00
UNITED STATES		March 2015	February 2016	March 2016
		Dollars		
Corn	bu	3.81	3.57	3.57
Hay, all baled	ton	157.00	136.00	138.00
Alfalfa	ton	169.00	142.00	144.00
Other	ton	140.00	125.00	126.00
Oats	bu	2.96	2.21	2.20
Potatoes, all ¹	cwt	9.38	8.48	9.38
Fresh ²	cwt	9.55	8.47	8.79
Processing	cwt	8.50	8.12	8.30
Soybeans	bu	9.85	8.51	8.56
Milk, all	cwt	16.60	15.70	15.30
Milk, cows ³	head	1,970.00	1,830.00	1,820.00
Calves	cwt	290.00	201.00	199.00
Cattle, all beef	cwt	160.00	132.00	135.00
Cows ³	cwt	114.00	77.50	80.00
Steers & Heifers	cwt	162.00	134.00	137.00
Hogs, all	cwt	50.30	49.60	50.00
Barrows & Gilts	cwt	50.70	49.80	50.50
Sows	cwt	38.20	45.40	36.30
Eggs (market)	doz	1.41	0.849	0.729

(D) Withheld to avoid disclosing data for individual operations. (NA) Not available. 1. Average price of potatoes sold for all uses, including table stock, processing, seed, and livestock feed. 2. Fresh market prices only. Includes table stock prices. 3. Prices are for April 1, 2015, and April 1, 2016. Animals sold for dairy herd replacement only. 4. Beef cows and cull dairy cows sold for slaughter.

March Milk Prices

Wisconsin farmers received an average price of \$15.80 per hundredweight (cwt.) for their milk in March 2016. This was 30 cents lower than last month and \$1.80 lower than last March's price. This is the lowest monthly milk price since July 2010 when the prices was \$15.20 per cwt.

The U.S. milk price for March was \$15.30 per cwt, 50 cents lower than Wisconsin's price and 40 cents lower than the February U.S. price. Twenty-one of the 23 major milk producing states had a decrease in price from February to March, while two states, New Mexico and Texas, had no change in price. Pennsylvania had the greatest decrease in price, down 80 cents to \$16.30 per cwt.

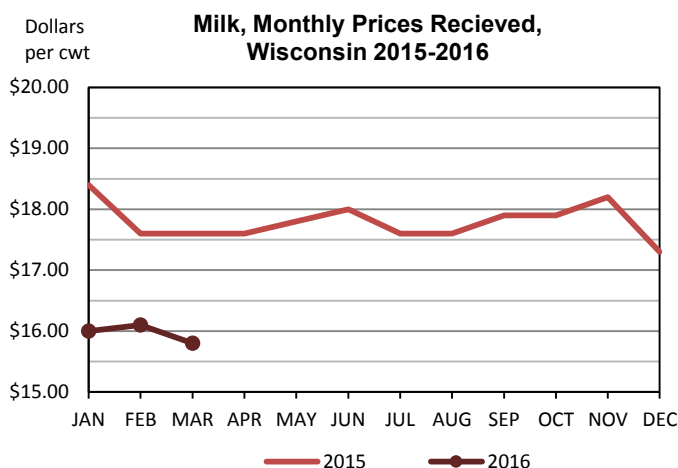
The Chicago Mercantile Exchange* (CME) 40-pound block cheese price closed at \$1.3700 per pound on April 29, while barrels were \$1.4125 per pound. The CME butter price was \$2.1200 per pound.

For the week ending April 23, 2016, the Agricultural Marketing Service* U.S. weekly 40-pound block cheese price averaged \$1.4714 per pound, and 500 pound barrels adjusted to 38 percent moisture averaged \$1.4716 per pound. The U.S. butter price was \$2.0884 per pound.

Milk Prices¹

Selected states	March 2015		February 2016		March 2016	
	Price per cwt.	Fat test	Price per cwt.	Fat test	Price per cwt.	Fat test
	Dollars	Percent	Dollars	Percent	Dollars	Percent
Milk for all uses						
CA	14.92	3.70	14.32	3.78	14.13	3.75
ID	16.30	3.80	15.70	3.92	15.00	3.86
MI	16.20	3.75	14.80	3.74	14.10	3.70
MN	17.40	3.91	16.10	3.98	15.80	3.95
NM	15.70	3.62	14.60	3.66	14.60	3.59
NY	17.60	3.87	16.70	3.90	16.20	3.86
PA	17.90	3.81	17.10	3.89	16.30	3.83
TX	17.20	3.93	16.00	3.98	16.00	3.94
WI	17.60	3.81	16.10	3.85	15.80	3.81
US	16.60	3.78	15.70	3.84	15.30	3.80

1. Before deduction for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.



MILK PRODUCTION: Marketings, Income, and Value, 2011-2015

Year	Combined marketings of milk and cream				Used for milk, cream, and butter by producers		Gross producer income ¹	Value of milk produced ^{2,3}
	Milk Utilized	Average returns		Cash receipts from marketings	Milk Utilized	Value		
		Per cwt. milk	Per lb. milkfat					
	Million lbs.	Dollars		1,000 dollars	Million lbs.	1,000 dollars		
2011	25,779	20.30	5.46	5,233,137	20	4,060	5,237,197	5,289,774
2012	26,956	19.40	5.19	5,229,464	18	3,492	5,232,956	5,281,456
2013	27,298	20.30	5.36	5,541,494	19	3,857	5,545,351	5,597,116
2014	27,531	24.50	6.48	6,745,095	16	3,920	6,749,015	6,809,775
2015	28,771	17.80	4.73	5,121,238	15	2,670	5,123,908	5,167,340

1. Cash receipts from marketings of milk and cream plus value of milk used for home consumption. 2. Includes value of milk fed to calves. 3. Value at average returns per 100 pounds of milk in combined marketings of milk and cream.

CATTLE AND CALVES: Inventory, Supply and Disposition, Wisconsin, 2011-2015

CATTLE AND CALVES: Inventory, Supply and Disposition, Wisconsin, 2011-2015								
Year	All cattle and calves January 1	Calf crop	Inshipment	Marketings		Farm slaughter	Deaths	
				Cattle	Calves	Cattle and calves	Cattle	Calves
	1,000 head							
2011	3,450	1,380	91	849	455	6.7	70	140
2012	3,400	1,370	111	759	400	6.7	70	145
2013	3,500	1,350	115	899	465	5.9	60	135
2014	3,400	1,400	107	836	370	3.8	62	135
2015	3,500	1,390	110	900	401	5.8	63	130

CATTLE AND CALVES: Production, Average Price, and Income, Wisconsin, 2011-2015

Year	Production	Marketings	Cash receipts	Value of home consumption	Gross Income
	1,000 pounds		1,000 dollars		
2011	1,156,144	1,214,700	1,233,909	31,755	1,265,664
2012	1,112,991	1,088,800	1,263,448	36,578	1,300,026
2013	1,242,105	1,331,400	1,562,064	38,181	1,600,245
2014	1,271,071	1,235,200	1,854,396	38,003	1,892,399
2015	1,307,017	1,335,600	1,968,104	49,110	2,017,214

HOGS: Inventory, Supply and Disposition, Wisconsin, 2011-2015

Year	Beginning Inventory	Pig Crop	Inshipment	Marketings	Farm Slaughter	Deaths
	1,000 head					
2011	330	822	37	817	1.0	31
2012	340	780	78	850	1.0	27
2013	320	791	93	881	1.0	27
2014	295	650	155	762	1.0	27
2015	310	673	150	787	1.0	25

HOGS: Production and Income, Wisconsin, 2011-2015

Year	Production	Marketings	Value of Production	Cash Receipts	Value of home consumption	Gross Income	All hogs December 1 current year
	1,000 pounds		1,000 dollars				1,000 head
2011	174,266	173,098	135,219	136,514	904	137,418	340
2012	166,642	171,669	122,921	129,176	810	129,986	320
2013	167,000	173,169	128,999	136,894	893	137,787	295
2014	143,496	150,723	122,464	136,313	630	136,943	310
2015	146,680	150,295	97,095	106,282	599	106,881	320



USDA, NASS, Wisconsin Field office
2811 Agriculture Dr.
Madison, WI 53718-6777

(608)224-4848
<http://www.nass.usda.gov/wi/>

Greg Bussler, State Statistician
Adrien Joyner, Editor

Compiled in cooperation with the Wisconsin Department of Agriculture, Trade and Consumer Protection. Available on request.